

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10567114	
	Filing Date		2003-08-04	
	First Named Inventor	KHAZHIMURATOVICH, et al.		
	Art Unit			
	Examiner Name			
Attorney Docket Number		4874-7000		

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1	Trump B.F., Trump B.F., Berezesky I.K. "The role of altered $[Ca^{2+}]$ in regulation in apoptosis, oncosis and necrosis". Biochem. Biophys. Acta, 1996, v. 1313, p. 173-178. Berezesky I.K. "The role of altered $[Ca^{2+}]$ in regulation in apoptosis, oncosis and necrosis". Biochem. Biophys. Acta, 1996, v. 1313, p. 173-178.	<input type="checkbox"/>
2	Roos A., Boron W.F. "Intracellular pH". Physiol. Rev., 1981, v. 61, p. 296-434.	<input type="checkbox"/>
3	Akatov V.S., Grobova M.E., Rkshevoi Yu.V. "Intracellular pH and substrate dependence of proliferation of fibroblasts of Chinese hamster". Cytology, 1991, 33 (7), p. 86-94.	<input type="checkbox"/>
4	Gillies R.G., Martinez-Zagulan R., Peterson E.P., Perona R. "The role of intracellular pH in mammalian cell proliferation". Cell. Physiol. Biochem., 1992, 2, p. 159-179.	<input type="checkbox"/>
5	Akatov V.S., Grobova M.E. "Activation of intracellular pH regulating systems upon cell adhesion to solid substrate". Biol. Membr., 1993, v.6, p. 917-934.	<input type="checkbox"/>
6	Kapus A., Romanek R., Qu A.Y., Rotstein O.O., Grinstein S.A. "pH-sensitive and voltage-dependent proton conductance in the plasma membrane of macrophages". J. Gen. Physiol., 1993, vol. 102 (4), p. 723-760.	<input type="checkbox"/>
7	Demaurex N., Downey G., Waddell T., Grinstein S. "Intracellular pH regulator during spreading of human neutrophils". J. Cell. Biol., 1996, v. 133, p. 1381-1402.	<input type="checkbox"/>
8	Tannock I.A., Rotin D. "Acid pH in tumors and its potential for therapeutic exploration". Cancer Res., 1989, v.49, p. 4373-4384.	<input type="checkbox"/>
9	Stabbs M., Rodrigues L., Howl F.A., Wang I., Joeng K.S., Veech R.L., Griffiths J.R. "Metabolic consequences of a reversed pH gradient in rat tumors". Cancer Res., 1994, v.54, p. 4011-4016.	<input type="checkbox"/>
10	Misko T.R., Schilling R.J., Salverini D. et al. "A fluorometric assay for the measurement of nitrite of biological samples". Anal. Biochem., 1993, v. 214, p. 11-16.	<input type="checkbox"/>
11	Mashkovsky M.D., "Medicinal Agents". Moscow, Medicine, 1993, part II, p. 137-140.	<input type="checkbox"/>

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12	Taguchi Hiroshi. "A new fluorometric assay method for guinolinic acid". <i>Analitic Biochemistry</i> , 1983, 131 (1), p 194-197	<input type="checkbox"/>
13	Huntress E.H., Stanley L.N., Parker A.S. "The preparation of 3-Aminophthalhydrazide for use in the Demonstration of Chemiluminescence", <i>J. Am. Chem. Soc.</i> , 1994, v. 56, p. 241-242.	<input type="checkbox"/>
14	Zyczynska - Baloniak I., Czajka R., Zinkowska E., "Synthesis of Derivatives of 4-Hydroxypyrazine-[2,3-d]pyridazine-one. <i>Polish Journal of Chemistry</i> . 1978, v. 52, p. 2461-2465	<input type="checkbox"/>
15	Kormendy K., Ruff F. "Pyridazines condensed with a Heteroring. III", <i>Acta Chimika Hungarika</i> . 1990, 127 (2), p. 253-262.	<input type="checkbox"/>
16	Yurugi S., Hieda M. "Studies on the synthesis of N- Heterocyclic Compounds". <i>Chemistry, Pharmaceutic Bull.</i> , 1972, v. 20 (7), p 1522-1527. <i>ibid.</i> , p. 1513-1521.	<input type="checkbox"/>
17	Seo E., Kana T. "Polarography of cyclic Hydrazides", <i>J. Electroanal. Chem.</i> , 1963, v. 6, p. 417-418.	<input type="checkbox"/>
18	Lund H. "Polarographic and electropreparative reduction of 1(2H)-phthalazines, 2,3-dihydro-1,4 phthalazindiones and related compounds", <i>Coll. Czechoslow. Chem.Com.</i> , 1965, v. 30, p. 4237-4249.	<input type="checkbox"/>
19	Ganz M.B. et al. "Argininosuppression enhancers of pH _i regulation in the presence of HCO ₃ ⁻ by stimulating three acid-base transport systems", <i>Nature</i> , 1989, v. 337, p. 648-651.	<input type="checkbox"/>
20	Rogachev B., Hausmann M.J., Jutzari R., Weiler H., Holmes C., Falci D., Chaimovitz C., Douvdevani A. "Effect of bicarbonat-based dialysis solution on intracellular pH (pH _i) and TNF-alpha production by peritoneal macrophages, <i>Perit. Dial. Int.</i> , 1997, Nov-Dec, 17 (6), p. 543-553.	<input type="checkbox"/>
21	Bidani A., Heming T.A. "Effect of concanavalin A on Na ⁺ -dependent and Na ⁺ -independent mechanism for H ⁺ extrusion in alveolar macrophages", <i>Lung.</i> , 1998, 176 (1), p. 25-31.	<input type="checkbox"/>
22	Swallow C.J., Grinstein S., Sudsbury R.A., Rotstein O.D. "Relative roles of Na ⁺ /H ⁺ exchange and vacuolar-type H ⁺ ATPase in regulating cytoplasmic pH and Function in murine peritoneal macrophages", <i>J. Cell. Physiol.</i> , 1993, 157 (3), p. 453-460.	<input type="checkbox"/>

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23	Koshevoi Yu.V., Akatov V.S., Grobova M.E., "Microspectrofluorimeter for measuring endocellular pH (micro pH)". Devices and equipment for studies in the field of physical-and-chemical biology and biotechnology. Pushchino, 1990. P. 8-14.	<input type="checkbox"/>
24	Thomas J.A., Bushbaum R.N., Zmniak A.w Racker E. "Intracellular pH measurements in Ehrlich ascites tumor cells utilizing spectroscopic probe generated in situ", Biochemistry, 1979, v. 18, p. 2210-2218.	<input type="checkbox"/>
25	Li J., Eastman A. "Apoptosis in an interleukin-2-depended cytotoxic T-lymphocyte cell line is associated with intracellular acidification", J.Biol. Chem., 1995, v. 270, Number 7, p. 3203-3211.	<input type="checkbox"/>
26	Solovieva M.E., Akatov V.S., Leshchenko V.V., Kudryavtsev V.A. "The mechanism of destruction of cells of myeloma NS/O in culture". Proceeding of the Russian Academy of Sciences, 1998, 2, p. 194-189.	<input type="checkbox"/>
27	Zhu W.-H., Loh T.-T. "Effects of Na ⁺ /H ⁺ antiport and intracellular pH in the regulation of HL-60 cell apoptosis", Biochim. Biophys. Acta, 1995, v. 1269, p. 122-128.	<input type="checkbox"/>
28	Brenton P.D. "Mechanistic Aspect of Diazaquinone Chemiluminescence", Aust. J. Chem., 1984, v. 37, p. 1001-1008.	<input type="checkbox"/>
29	Nishikimi M. Rao N.A. and Yagi K. "The occurrence of superoxide anion in the reaction of reduced phenazine methosulfate and molecular oxygen". Biochem. Biophys. Res. Commun., 1972, v. 46, p. 849-855.	<input type="checkbox"/>
30	Rahman S., Ali Khan R., Kumar A. "Experimental study of the morphine deaddiction properties of Delphinium denudatum Wall/BMC Complement Altern". Med. 2002, v. 29, p. 1-6.	<input type="checkbox"/>
31	Dum J., Blasig J., Herz A. Buprenorphine: "Demonstration of physical dependence liability". Eur. J. Pharmacol., 1981, v. 70, p. 293-300.	<input type="checkbox"/>
32	Bredt and Snyder "Nitric oxide mediates glutamate-linked enhancement of cGMP levels in the cerebellum". Proc. Natl. Acad. Sci. USA, 1989, v. 86, p. 9030-9033.	<input type="checkbox"/>

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EXAMINER SIGNATURE

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- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

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